

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061680.D
 Acq On : 5 Jun 2020 19:25
 Operator : JC/MD
 Sample : L2921-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012RW035-200603

Quant Time: Jun 06 04:16:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

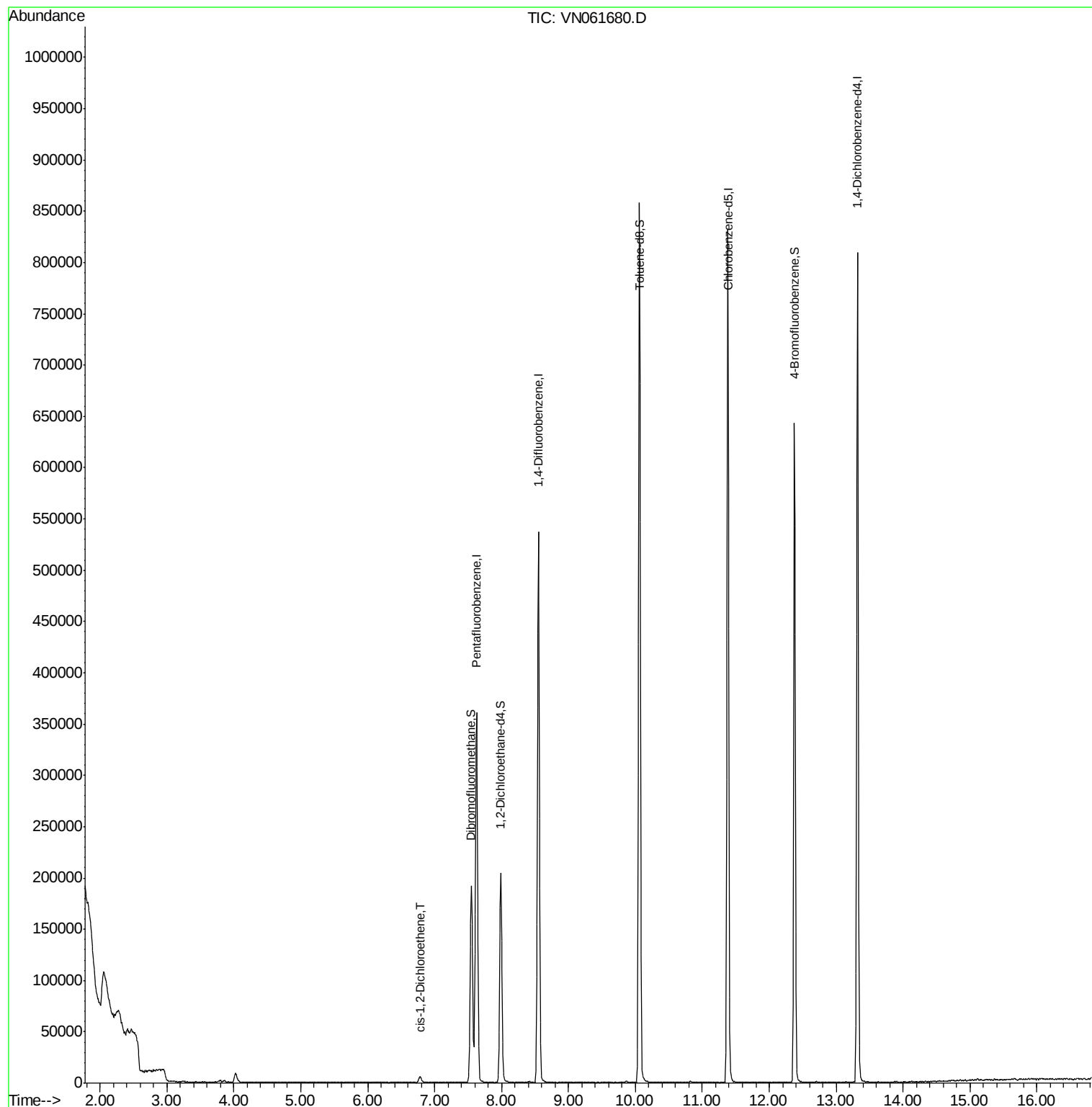
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	307330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	525373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	513530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	233363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171293	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
35) Dibromofluoromethane	7.55	113	149478	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
50) Toluene-d8	10.06	98	624794	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.38	95	230229	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	4205	1.049	ug/l	Qvalue 91

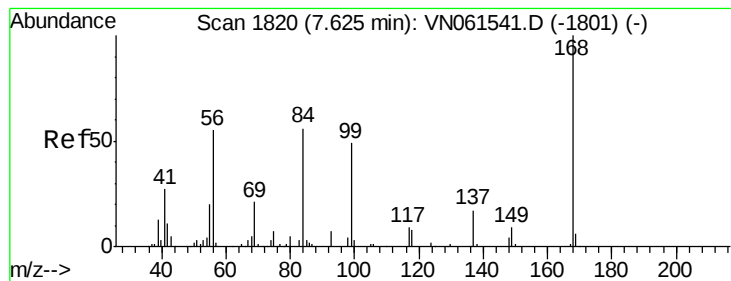
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061680.D

Acq: 5 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

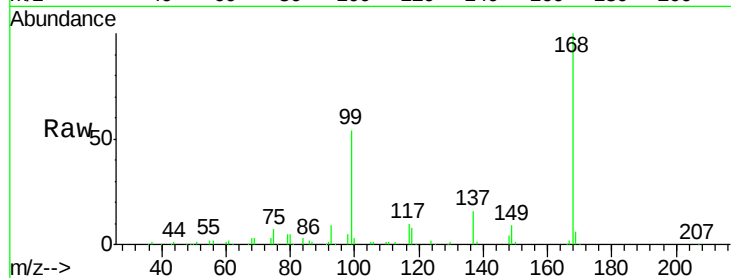
LF012RW035-200603

Tot Ion:168 Resp: 307330

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061680.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061680.D (-1727) (-)

7.63

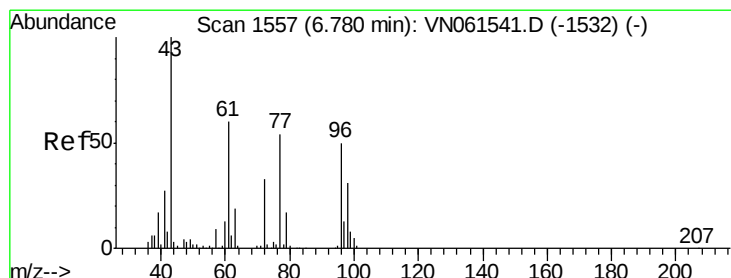
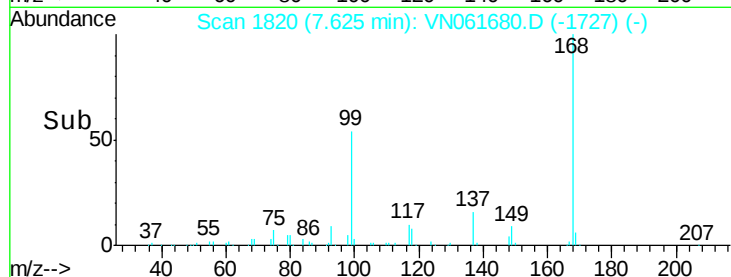
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#27

cis-1,2-Dichloroethene

Concen: 1.049 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061680.D

Acq: 5 Jun 2020 19:25

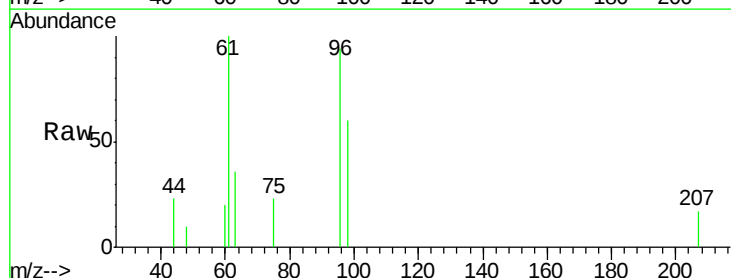
Tgt Ion: 96 Resp: 4205

Ion Ratio Lower Upper

96 100

61 110.9 0.0 252.2

98 65.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061680.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061680.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061680.D (-1464) (-)

6.78

2000

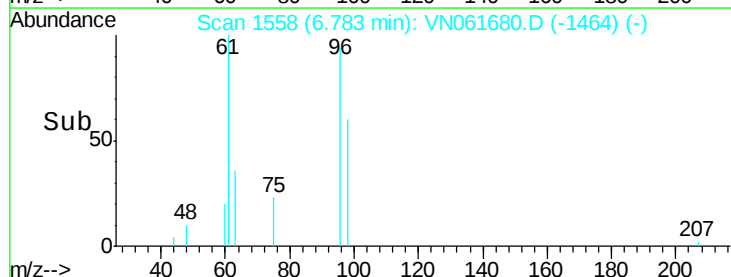
1500

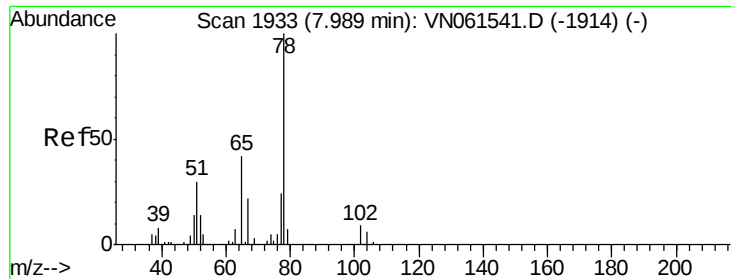
1000

500

0

Time--> 6.70 6.75 6.80 6.85

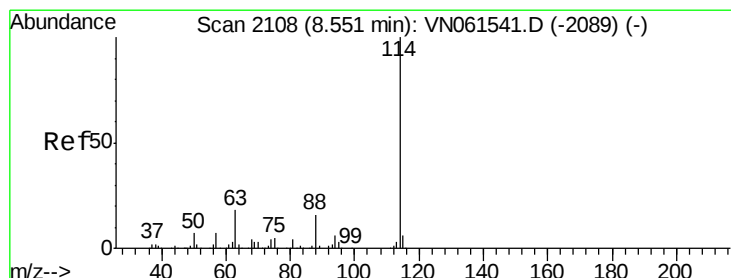
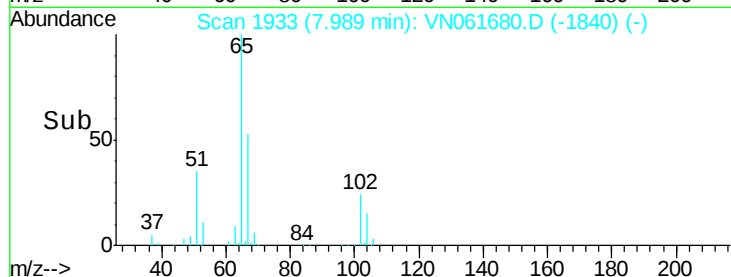
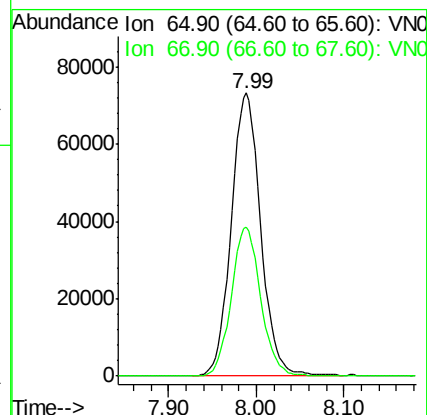
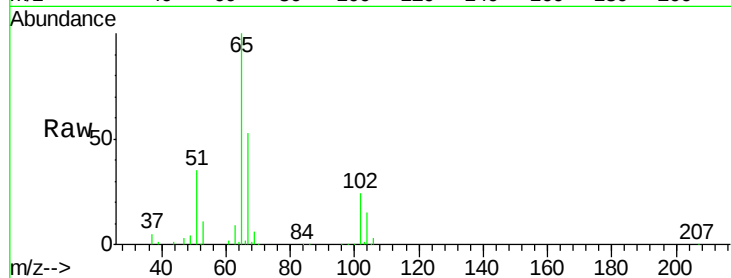




#33
 1,2-Dichloroethane-d4
 Concen: 46.780 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061680.D
 Acq: 5 Jun 2020 19:25

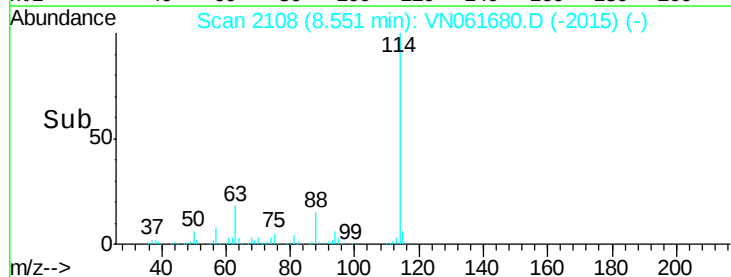
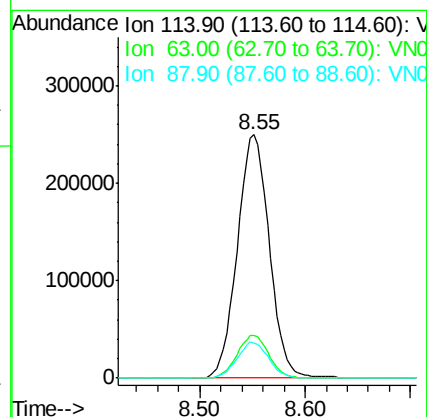
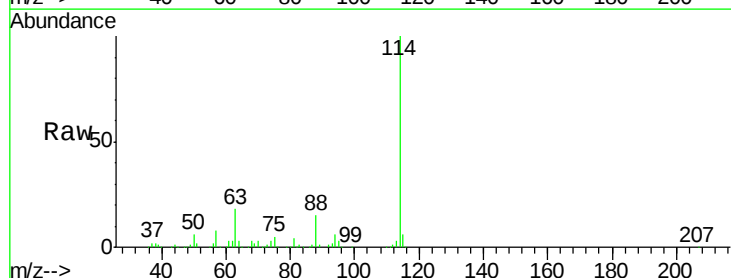
Instrument :
 MSVOA_N
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 LF012RW035-200603

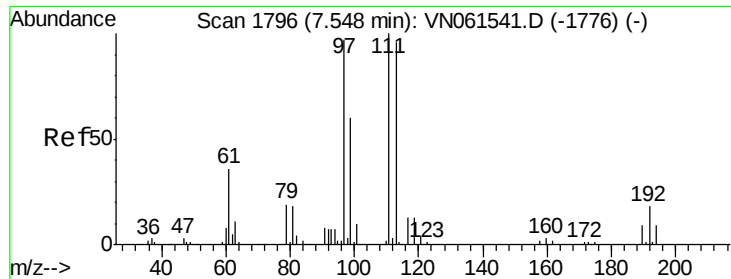
Tot Ion: 65 Resp: 171293
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061680.D
 Acq: 5 Jun 2020 19:25

Tgt Ion: 114 Resp: 525373
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.8
 88 14.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 56.087 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061680.D

Acq: 5 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

LF012RW035-200603

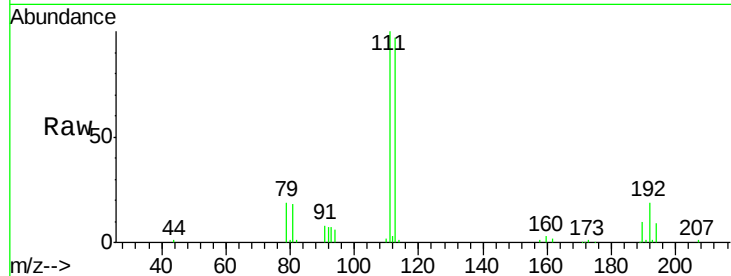
Tot Ion:113 Resp: 149478

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.0

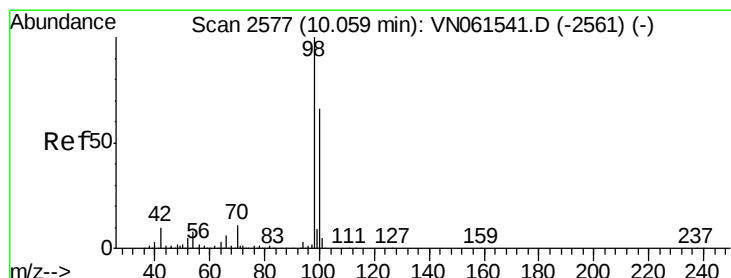
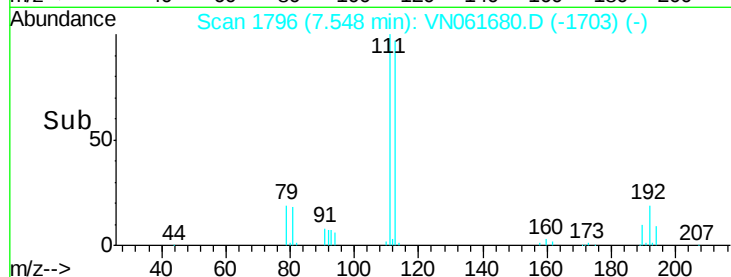
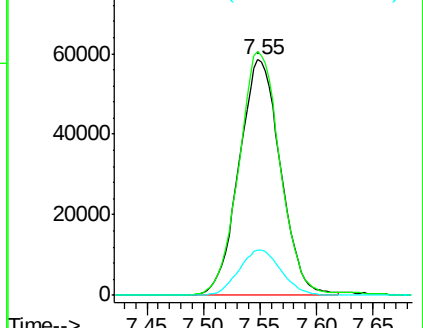
192 19.5 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.589 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN061680.D

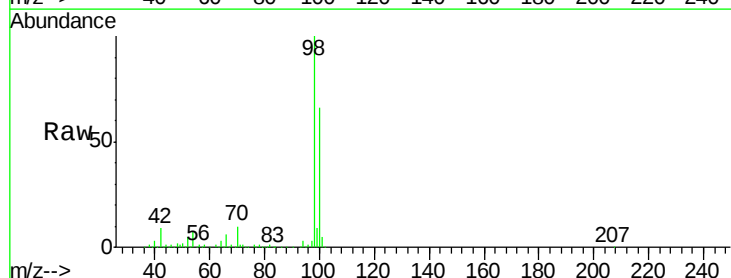
Acq: 5 Jun 2020 19:25

Tgt Ion: 98 Resp: 624794

Ion Ratio Lower Upper

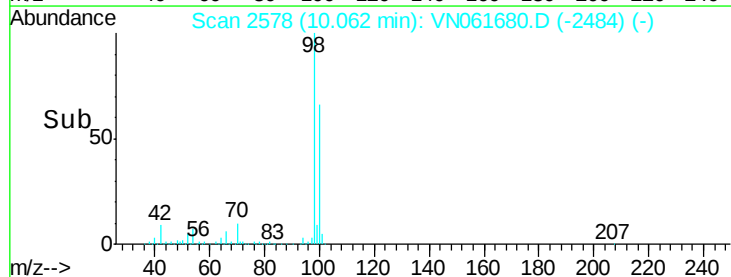
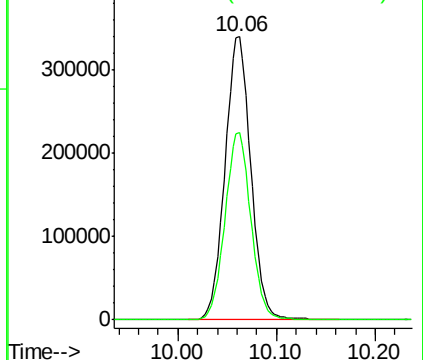
98 100

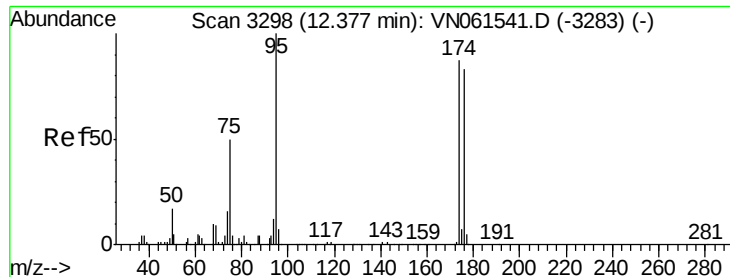
100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.095 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061680.D

Acq: 5 Jun 2020 19:25

Instrument :

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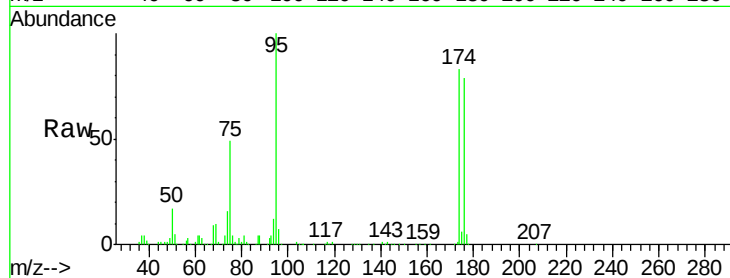
Tot Ion: 95 Resp: 230229

Ion Ratio Lower Upper

95 100

174 82.0 0.0 172.8

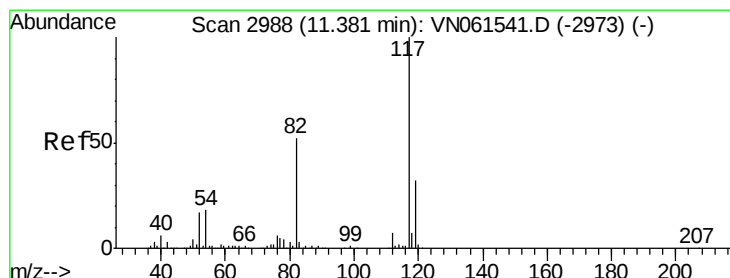
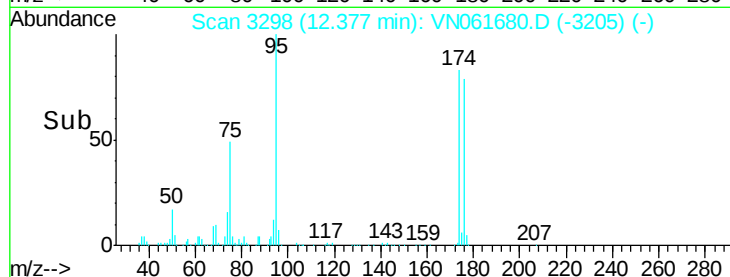
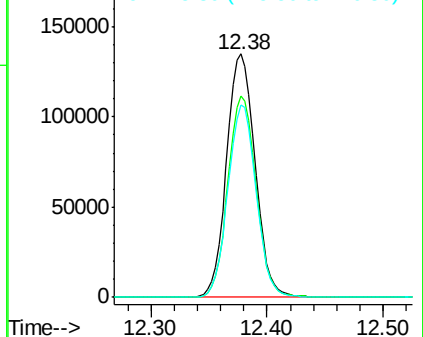
176 78.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061680.D

Acq: 5 Jun 2020 19:25

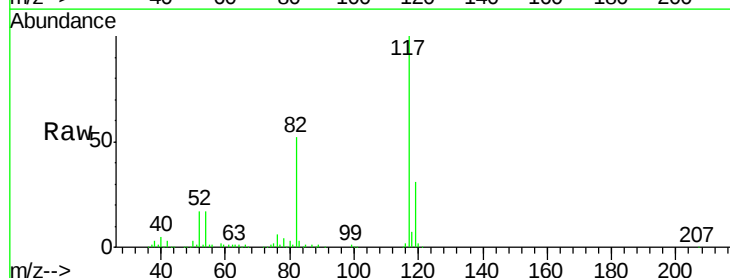
Tgt Ion: 117 Resp: 513530

Ion Ratio Lower Upper

117 100

82 51.6 41.5 62.3

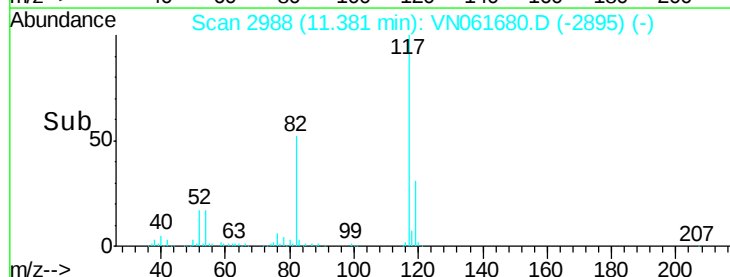
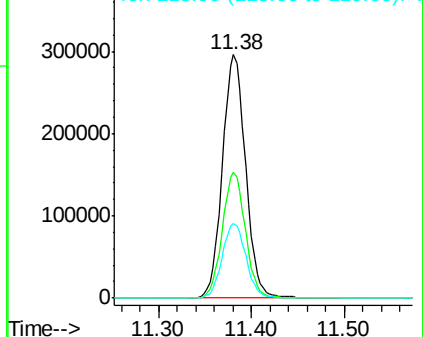
119 30.9 25.6 38.4

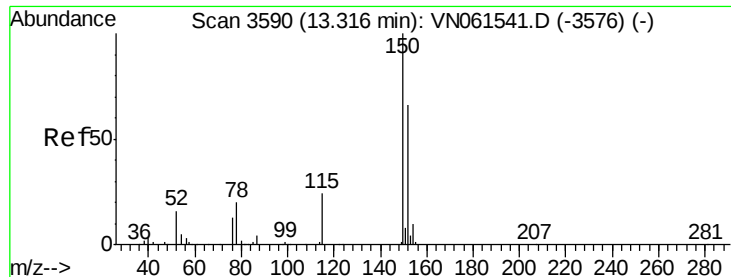


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061680.D

Acq: 5 Jun 2020 19:25

Instrument :

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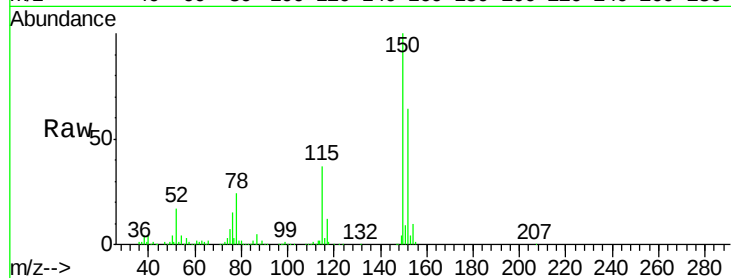
Tot Ion:152 Resp: 233363

Ion Ratio Lower Upper

152 100

115 57.3 28.0 84.0

150 157.2 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

